

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



ASB252  
.45  
Cop. 1

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
MARKET NEWS SECTION - COTTON DIVISION  
4841 SUMMER AVENUE, MEMPHIS, TENNESSEE 38122



COTTON GIN EQUIPMENT

JULY 1974

There were 3,400 active gin batteries in the United States in July 1974, according to the Department of Agriculture, Agricultural Marketing Service. This compares with 3,600 active batteries in July 1973 and 4,300 five years ago.

All but eight batteries were equipped with seed cotton driers and all but 13 had lint cleaners. Most of the batteries had two or more stages of drying and lint cleaning. Over one-half of the batteries were equipped with automatic bulk feed control which regulates the flow of cotton into the ginning system. Approximately three-fifths of the batteries were equipped with bur extractors and stick and green leaf machines.

In July 1974, over 800 gins had modified their flat gin presses to produce a bale that could be pressed to universal density and size. At the same time, 86 gins had installed universal density presses.

About 85 percent of the active batteries had electricity as the source of power for gin stands. The remaining 15 percent were powered by either diesel fuel, bottled gas or natural gas.

DEC 30 '77

August 21, 1974

U.S. DEPT. OF AGRICULTURE  
NAT'L AGRIC. LIBRARY

States and United States	Total gin batteries 1/	Number of gin batteries having:														Stick & green leaf machine	Bur extractor	Overflow by-pass	Mechani- cal sampler No.	
		Stages of lint cleaning																		
		Lint cleaners			1			2			3			4 or more						
		No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.					
N. Carolina	78	25	76	41	31	4	76	33	31	12	-	-	34	37	49	-				
S. Carolina	154	47	153	71	79	3	151	36	85	29	1	-	86	45	115	-				
Georgia	154	61	153	49	96	8	152	28	97	27	-	-	117	57	82	10				
Florida	4	2	4	1	3	-	4	-	3	1	-	-	3	-	3	1				
Alabama	200	88	198	62	134	2	199	19	120	56	4	-	156	56	101	12				
Mississippi	445	273	444	94	340	10	445	60	314	70	1	-	254	87	383	11				
Tennessee	187	89	186	35	123	28	187	14	110	60	3	-	92	84	134	3				
Missouri	114	87	114	10	101	3	114	8	64	40	2	-	65	41	92	3				
Arkansas	392	207	392	75	299	18	392	70	250	66	6	-	181	211	300	9				
Louisiana	140	88	140	9	122	9	140	6	94	38	2	-	95	60	103	15				
Oklahoma	110	51	110	50	56	4	110	46	64	-	-	-	68	109	87	-				
Texas	1,030	495	1,030	276	667	87	1,025	218	701	101	5	-	729	918	840	49				
New Mexico	53	30	53	19	32	2	53	7	32	12	2	-	36	24	42	-				
Arizona	118	102	118	32	70	16	118	9	75	28	6	-	63	78	100	14				
California	250	243	250	5	179	66	250	1	146	93	10	-	135	117	226	90				
All other 2/	2	2	2	1	1	-	2	-	2	-	-	-	-	2	1	-				
United States	3,431	1,890	3,423	830	2,333	260	3,418	555	2,188	633	42	-	2,114	1,926	2,658	217				



Cotton gin batteries with specified kinds of equipment, by states and United States, July 1974 -- Continued

States and United States	Total gin batteries 1/	Number of batteries having:					Number of batteries having the following sources of power for gin stands				
		Flat gin presses	Modified flat gin presses 3/	Universal density presses	Standard density presses	High density presses	Electricity	Diesel fuel	Bottled gas	Natural gas	Other
No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.	No.
N. Carolina	78	78	-	-	-	-	74	4	-	-	-
S. Carolina	154	153	-	1	-	-	151	3	-	-	-
Georgia	154	151	-	3	-	-	146	8	-	-	-
Florida	4	4	-	-	-	-	4	-	-	-	-
Alabama	200	198	-	-	-	2	179	21	-	-	-
Mississippi	445	204	211	20	10	-	360	41	19	25	-
Tennessee	187	130	51	3	3	-	168	18	1	-	-
Missouri	114	73	35	4	2	-	70	35	-	5	4
Arkansas	392	225	152	7	8	-	259	60	29	44	-
Louisiana	140	40	67	25	8	-	77	9	9	45	-
Oklahoma	110	95	15	-	-	-	79	2	7	22	-
Texas	1,030	747	253	13	17	-	887	33	35	85	-
New Mexico	53	10	41	-	2	-	52	-	-	1	-
Arizona	118	86	8	-	21	3	118	-	-	-	-
California	250	166	5	10	58	11	249	-	-	1	-
All other 2/	2	1	-	-	1	-	2	-	-	-	-
United States	3,431	2,361	838	86	132	14	2,875	234	100	228	4

1/ Saw and roller gin batteries.

2/ Includes gin batteries in Kentucky and Nevada.

3/ A flat gin press box converted to form a bale 24 inches in width.

